

**Figure 1a**

SEQ ID No	GID No.	Family	Fragments	DNA or protein sequence	coding conserved domain
1	G1043	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	43-927
2	G1043	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	120-179
3	G759	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	8-961
4	G759	NAM	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	17-159
5	G185	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	77-988
6	G185	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	113-172
7	G629	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	169-1275
8	G629	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	92-152
9	G435	HB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	32-502
10	G435	HB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	4-67
11	G4	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	90-1217
12	G4	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	121-188
13	G1035	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	103-624
14	G1035	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	39-91
15	G179	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	68-511
16	G179	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	65-121
17	G28	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	63-869
18	G28	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	145-213
19	G1241	MiSC	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	108-605
20	G1241	MiSC	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	
21	G19	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	70-816
22	G19	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	76-145
23	G503	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	80-886
24	G503	NAM	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	12-158
25	G263	HS	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	48-902
26	G263	HS	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	15-105
27	G921	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	116-1024
28	G921	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	146-203
29	G1275	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	58-579
30	G1275	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein	113-169

**Figure 1b**

SEQ ID No	GID No.	Family	Fragments	DNA or protein	coding sequence	conserved domain
31	G242	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	66-983	
32	G242	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		6-105
33	G1006	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	52-783	
34	G1006	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		114-182
35	G1049	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	29-550	
36	G1049	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		77-132
37	G502	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	224-1186	
38	G502	NAM	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		10-155
39	G239	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	1-822	
40	G239	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		21-125
41	G555	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	250-1242	
42	G555	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		38-110
43	G352	Z	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	80-817	
44	G352	Z	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		99-119, 166-186
45	G1352	Z	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	79-900	
46	G1352	Z	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		108-129, 167-188
47	G1089	bZIP12	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	31-2427	
48	G1089	bZIP12	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		425-500
49	G553	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	82-1236	
50	G553	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		94-160
51	G1221	MISC	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	287-2314	
52	G1221	MISC	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		490-515
53	G580	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	43-747	
54	G580	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		162-218
55	G270	AKR	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	43-1350	
56	G270	AKR	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		
57	G201	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	1-1011	
58	G201	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		14-114
59	G1417	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	32-1501	
60	G1417	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		239-296

**Figure 1c**

SEQ ID No	GID No.	Family	Fragments	DNA or protein	coding sequence	conserved domain
61	G233	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	46-867	
62	G233	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		14-114
63	G920	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	114-1154	
64	G920	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		152-211
65	G867	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	64-1098	
66	G867	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		59-124
67	G659	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	1-984	
68	G659	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		16-116
69	G620	CAAT	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	40-666	
70	G620	CAAT	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		20-118
71	G596	AT-Hook	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	168-1121	
72	G596	AT-Hook	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		89-96
73	G511	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	31-738	
74	G511	NAM	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		8-159
75	G471	IAA/ARF	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	115-2112	
76	G471	IAA/ARF	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		22-354
77	G385	HB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	37-2202	
78	G385	HB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		60-123
79	G261	HS	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	458-1663	
80	G261	HS	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		16-104
81	G25	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	80-595	
82	G25	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		47-114
83	G610	BPF-1	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	137-2059	
84	G610	BPF-1	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		577-609
85	G229	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	41-1156	
86	G229	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		14-120
87	G221	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	115-795	
88	G221	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		21-125
89	G186	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	100-1761	
90	G186	WRKY	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		312-369

**Figure 1d**

SEQ ID No	GID No.	Family	Fragments	DNA or protein sequence	coding conserved domain
91 G562	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	137-1285	
92 G562	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		253-315
93 G255	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	30-839	
94 G255	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		14-115
95 G3	AP2	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	16-477	
96 G3	AP2	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		11-95
97 G713	HB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	58-765	
98 G713	HB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		23-86
99 G515	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	154-1170	
100 G515	NAM	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		6-144
101 G390	HB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	1-2526	
102 G390	HB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		18-81
103 G1034	bZIP	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	214-1443	
104 G1034	bZIP	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		97-160
105 G1149	PAZ	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	1-2910	
106 G1149	PAZ	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		870-880
107 G1334	CAAT	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	76-885	
108 G1334	CAAT	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		18-190
109 G1650	HLH/MYC	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA	84-1199	
110 G1650	HLH/MYC	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		284-334
111 G241	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
112 G241	MYB	1-50, 50-75, 76-81, 82-100, 100-150, 150-200	protein		14-116
113 G348	GATA Zn	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
114 G171	MADS	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
115 G521	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
116 G1274	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
117 G182	WRKY	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
118 G1290	AKR	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
119 G374	Z	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		
120 G682	MYB	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		

Figure 1e

SEQ ID No	GID No.	Family	Fragments	DNA or protein sequence	coding sequence	conserved domain
121	G501	NAM	1-100, 30-48, 75-125, 150-200, 200-300, 350-400	DNA		